| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------------|------|--|---------------------------------|---------------------|---------|------------------|
| L2 | 0 | coder same decoder same (programma\$3 adj3 ports) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/30 09:33 |
| L4 | 0 | (program\$7 with chang\$3 with port adj2 assignments) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/30 09:41 |
| L6 | 0 | (digital adj2 interface) and (dynamic adj2 port adj2 selection) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/30 10:01 |
| L7 | 29 | (digital adj2 interface) and (port adj2 selection) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/30 10:02 |
| L8 | 10 | (codec) same (port adj2 selection) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/30 10:02 |
| L9 | 15 | codec same (program\$7 adj3 port) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/30 10:07 |
| L10 | 119 | (programmable adj2 ports) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/30 10:07 |
| L11 | 3 | (programmable adj2 ports) same audio | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/30 10:08 |
| L12 | 14 | (programmable adj2 ports) same interface | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/30 10:12 |
| L13 | 2 | (programma\$5 with chang\$3 with port with assignments) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/30 10:16 |
| S1 | 2 | (("5648778") or ("5774567")).PN. | USPAT; USOCR | OR | OFF | 2005/01/05 14:16 |
| S2 | 0 | EP-0843252-\$.did. | USPAT; EPO; JPO | OR | OFF | 2003/12/16 17:45 |
| S3 | 1 | EP-843252-\$.did. | USPAT; EPO; JPO | OR | OFF | 2003/12/16 17:45 |
| S4 | 1 | WO-9920006-\$.did. | USPAT; EPO; JPO | OR | OFF | 2005/03/29 11:37 |
| S5 | 112 | (381/22).CCLS. | USPAT; USOCR; EPO; JPO | OR | OFF | 2005/03/28 12:12 |
| S6 | 1052 | audio near2 codec | USPAT; EPO; JPO | OR | OFF | 2003/12/16 17:57 |
| S 7 | 902 | audio adj2 codec | USPAT; EPO; JPO | OR | OFF | 2003/12/16 17:57 |

| S8 | 135 | (audio adj2 codec) same interfa\$2 same convert\$4 | USPAT; EPO; JPO | OR | OFF | 2003/12/16 17:58 |
|-----|------|--|---|----|-----|------------------|
| S9 | 0 | (381/111/119).CCLS. | USPAT; USOCR; EPO; JPO | OR | OFF | 2003/12/16 18:03 |
| S10 | 491 | (381/111,119).CCLS. | USPAT; USOCR; EPO; JPO | OR | OFF | 2004/01/13 11:34 |
| S11 | 38 | (381/111,119).ccls. and convert\$3 same interface | USPAT; EPO; JPO | OR | OFF | 2005/01/07 11:46 |
| S12 | 68 | (381/111,119).ccls. and convert\$3 same mix\$3 | USPAT; EPO; JPO | OR | OFF | 2005/03/28 12:12 |
| S13 | 54 | (381/23).CCLS. | USPAT; USOCR; EPO; JPO | OR | OFF | 2004/01/13 11:28 |
| S14 | 0 | ("(audioadj2codec)same(sibynear3 format\$3)").PN. | USPAT; USOCR; EPO; JPO | OR | OFF | 2004/01/13 11:51 |
| S15 | 0 | (audio adj2 codec) same (sony near3 format\$3) | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/13 11:52 |
| S16 | 0 | (audio adj2 codec) same (intercon\$4 near3 format\$3) | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/24 14:39 |
| S17 | 1 | (codec) same (intercon\$4 near3 format\$3) | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/13 11:54 |
| S18 | 1424 | (codec) same (format\$3) | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/13 11:54 |
| S19 | 332 | (codec) same (digital near3 format\$3) | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/13 11:54 |
| S20 | 119 | (codec) same (digital near3 format\$3) same audio | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/13 11:54 |
| S21 | 10 | "5774567".URPN. | USPAT | OR | OFF | 2004/01/13 12:00 |
| S22 | 6 | "5589830".URPN. | USPAT | OR | OFF | 2004/01/13 12:02 |
| S23 | 5 | "5648778":URPN. | USPAT | OR | OFF | 2004/01/13 12:04 |
| S24 | 8 | "5881317".URPN. | USPAT | OR | OFF | 2004/01/13 12:06 |
| S25 | 22 | (381/22).CCLS. | US-PGPUB; USOCR | OR | OFF | 2004/01/13 14:08 |
| S26 | 5 | shi.in. and codec | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/13 13:13 |

| S28 | 113 | intel.AS. and (codec same audio) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/04 10:23 |
|-----|-----|--|---|----|-----|------------------|
| S29 | 0 | intel:app. and (codec same audio) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/13 13:09 |
| S30 | 0 | intel.ap. and (codec same audio) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/13 13:07 |
| S31 | 1 | mishra.in. and codec | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/13 13:07 |
| S32 | 107 | "intel corporation".AS. and (codec same audio) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/03 13:57 |
| S33 | 0 | intel.in. and (codec same audio) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/13 13:09 |
| S34 | 0 | "intel corporation".in. and (codec same audio) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/13 13:09 |
| S35 | 0 | "intel corporation".ap. and (codec same audio) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/13 13:09 |
| S36 | 17 | tran.in. and codec | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/13 13:13 |
| S37 | 1 | "5864811".URPN. | USPAT | OR | OFF | 2004/01/13 13:14 |
| S38 | 2 | ("5402499" "5515442").PN. | USPAT | OR | OFF | 2004/01/13 13:14 |
| S39 | 2 | ("5402499" "5515442").PN. | USPAT | OR | OFF | 2004/01/13 13:17 |
| S40 | 61 | "compaq computer".AS. and (codec same audio) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/13 13:47 |
| S41 | 11 | (audio adj2 codec) near5 (program\$1) | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/13 13:24 |
| S42 | 0 | (audio adj2 codec) near5 (plural near3 channe\$2) | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/13 13:24 |

| S43 | 0 | (codec) near5 (plural near3 channe\$2) | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/13 13:24 |
|-----|----|--|---|---------|-----|------------------|
| S44 | 10 | (codec) same (plural near3 channe\$2) | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/13 13:26 |
| S45 | 14 | (codec) same (plural near6 channe\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/13 13:27 |
| S46 | 18 | (code\$1 near2 decod\$2) same (plural near6 channe\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/13 13:27 |
| S47 | 1 | (381/111,119).ccls. and codec same plural | USPAT; EPO; JPO | OR | OFF | 2004/01/13 13:40 |
| S48 | 1 | (381/111,119).ccls. and codec same (audio near2 program\$1) | USPAT; EPO; JPO | OR | OFF | 2004/01/13 13:41 |
| S49 | 4 | (381/111,119).ccls. and codec same (program\$1) | USPAT; EPO; JPO | OR | OFF | 2004/01/13 13:42 |
| S50 | 14 | (381/111,119).ccls. and codec | USPAT; EPO; JPO | OR | OFF | 2004/01/13 13:42 |
| S51 | 17 | system same codec same (audio near2 accelera\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/13 13:51 |
| S52 | 3 | codec same (two near3 audio near3 progr\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/13 13:52 |
| S53 | 11 | codec same (two near3 progr\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/13 14:02 |
| S54 | 22 | (four near chann\$2) same codec | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/13 14:02 |
| S55 | 5 | (381/22).ccls. and (stereo near2 pair\$2) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/01/13 14:09 |
| S56 | 1 | codec same interf\$3 same (stereo:: near2 pair\$2) | US-PGPUB; USPAT; | OR | OFF | 2004/01/13 14:14 |
| S57 | 86 | interf\$3 same (stereo near2 pair\$2) | EPO; JPO US-PGPUB; USPAT; EPO; JPO | OR , | OFF | 2004/01/13 14:36 |

| S58 | 0 | codec same (AES-EBU) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/01/13 14:57 |
|-----|-----|---|---------------------------------|----|-----|------------------|
| S59 | 33 | AES-EBU | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/01/13 14:41 |
| S60 | 43 | (digital near2 audio near2 interface) same AES | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/01/15 12:02 |
| S61 | 3. | (digital near2 audio near2 interface) same AES-EBU | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/01/13 14:41 |
| S62 | 23 | codec same (S/PDIF) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/07 15:02 |
| S63 | 0. | (digital near2 interface) same (simulta\$9 near3 audio near3 record\$3) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/01/15 12:21 |
| S64 | 12 | (digital near2 interface) same (simulta\$9 near3 audio) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/01/15 12:21 |
| S65 | 0 | (dig) same (simulta\$9 near3 audio) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/01/15 12:21 |
| S66 | 2 | (codec) same (simulta\$9 near3 audio near3 record\$3) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/01/15 12:22 |
| S67 | 0 | (codec) same (simulta\$9 near3 audio near2 program) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/01/15 12:22 |
| S68 | 45 | (codec) same (audio near2 program) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/01/15 12:23 |
| S69 | 53 | (codec) same (audio near2 program\$1) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/01/15 12:24 |
| S70 | 0 | (codec) same (two near2 audio near2 program\$1) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/01/15 12:25 |
| S71 | 4 | (codec) same (two near2 audio) same program\$1 | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/01/15 12:52 |
| S72 | 779 | (codec) same (digital near2 audio) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/01/15 12:52 |
| S73 | 109 | (codec) same (digital near2 audio) same mix\$3 | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/01/15 13:05 |

| S74 | 6 | ("4694343" "4694344" "5546466" "6218971" "6259957" "6350943").PN. | USPAT | OR | OFF | 2004/01/15 12:54 |
|-----|-----|---|---------------------------------|----|-----|------------------|
| S75 | 2 | (("5983139") or ("5502663")).PN. | USPAT; USOCR | OR | OFF | 2004/01/15 13:06 |
| S76 | 0 | (S/PDIF) near4 program\$1 | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/01/21 13:51 |
| S77 | 10 | (S/PDIF) same program\$1 | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/01/21 13:51 |
| S78 | 0 | (381/111,119).ccls. and port near4 assignm\$3 | USPAT; EPO; JPO | OR | OFF | 2004/01/21 14:08 |
| S79 | 5 | (381/111,119).ccls. and output near4 assignm\$3 | USPAT; EPO; JPO | OR | OFF | 2004/01/21 14:10 |
| S80 | 3 | "5928342".URPN. | USPAT | OR | OFF | 2004/01/21 14:10 |
| S81 | 17 | (381/111,119).ccls. and program\$6 near3 outpu\$2 | USPAT; EPO; JPO | OR | OFF | 2004/01/21 14:12 |
| S82 | 52 | codec same program\$6 near3 outpu\$2 | USPAT; EPO; JPO | OR | OFF | 2004/06/30 18:31 |
| S83 | 15 | (audio adj2 codec) same (record\$3) same play\$3 | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/24 14:41 |
| S84 | 1 | (audio adj2 codec) same (record\$3) near3 progr\$2 | USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/01/24 14:41 |
| S85 | 841 | record\$3 same play\$3 near3 simul\$9 | USPAT; EPO; JPO | OR | OFF | 2004/01/26 13:48 |
| S86 | 377 | record\$3 near3 play\$3 near3 simul\$9 | USPAT; EPO; JPO | OR | OFF | 2004/01/26 13:48 |
| S87 | 377 | record\$3 near3 play\$3 near3 simul\$10 | USPAT; EPO; JPO | OR | OFF | 2004/01/26 13:48 |
| S88 | 280 | record\$3 near2 play\$3 near3 simul\$10 | USPAT; EPO; JPO | OR | OFF | 2004/01/26 13:49 |
| S89 | 2 | record\$3 near2 play\$3 near3 simul\$10 same codec | USPAT; EPO; JPO | OR | OFF | 2004/01/26 14:14 |
| S90 | 2 | record\$3 near3 play\$3 near3 simul\$10 same codec | USPAT; EPO; JPO | OR | OFF | 2004/01/26 13:49 |
| S91 | 3 | record\$3 near4 play\$3 near4 simul\$10 same codec | USPAT; EPO; JPO | OR | OFF | 2004/01/26 13:50 |
| S92 | 90 | record\$3 near4 play\$3 near4 simul\$10 same audio | USPAT; EPO; JPO | OR | OFF | 2004/01/26 13:50 |
| S93 | 75 | record\$3 near4 play\$3 near4 simult\$10 same audio | USPAT; EPO; JPO | OR | OFF | 2004/01/26 14:13 |
| S94 | 3 | ("5751678" "5790499" "6034832").PN. | USPAT | OR | OFF | 2004/01/26 14:09 |

| S95 | 9 | record\$3 near4 play\$3 near4 simult\$10 same decod\$3 same (encod\$3 or cod\$3) | USPAT; EPO; JPO | OR | OFF | 2004/01/26 14:11 |
|----------|------|---|---|----|-----|------------------|
| S96 | 2 | record\$3 near2 play\$3 near3 simult\$10 same codec | USPAT; EPO; JPO | OR | OFF | 2004/01/26 14:14 |
| S97 | 2 | record\$3 near4 play\$3 near3 simult\$10 same codec | USPAT; EPO; JPO | OR | OFF | 2004/01/26 14:14 |
| S98 | 1 | ("5133081");PN. | USPAT; USOCR | OR | OFF | 2004/06/30 17:27 |
| S99 | 0 | "intel corporation".AS. and (codec same switch\$3 same mixe\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/06/30 17:32 |
| S10 0 | 23 | "intel corporation".AS. and (codec and switch\$3 and mixe\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/06/30 17:35 |
| S10 1 | 1924 | codec and switch\$3 and mixe\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/06/30 17:35 |
| S10 2 | 115 | codec same switch\$3 same mix\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/06/30 17:36 |
| S10 3 | 1 | ("5648778").PN. | USPAT; USOCR; EPO; JPO | OR | OFF | 2004/06/30 18:24 |
| S10 4 | 5 | "5648778".URPN. | USPAT | OR | OFF | 2004/06/30 18:25 |
| S10 5 | 8 | "5881317".URPN. | USPAT | OR | OFF | 2004/06/30 18:29 |
| S10 6 | 21 | ("4317221" "4746899" "4750111" "4800524" "4823312" "4829473" "4855743" "4903022" "4918339" "5105314" "5124579" "5140679" "5199105" "5218239" "5233309" "5280595" "5287457" "5287470" "5289584" "5299315" "5303326").PN. | USPAT | OR | OFF | 2004/06/30 18:30 |
| S10 7 | 0 | codec same (digital near2 interface) near4 mixe\$2 | USPAT; EPO; JPO | OR | OFF | 2004/06/30 18:31 |
| S10 8 | 0 | codec same (digital near2 interface) near4 mixe\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/06/30 18:31 |

| S10 9 | 0 | codec near9 (digital near2 interface) near4 mixe\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/06/30 18:31 |
|----------|-----|--|---|----|-----|------------------|
| S11 0 | 6 | codec near9 (digital near2 interface) same mixe\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/06/30 18:35 |
| S11 1 | 6 | ("4694343" "4694344" "5546466" "6218971" "6259957" "6350943").PN. | USPAT | OR | OFF | 2004/06/30 18:33 |
| S11 2 | 460 | codec and (digital near2 interface) and mixe\$2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/06/30 18:35 |
| S11 3 | 459 | codec and (digital near2 interface) and mixe\$2 | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/01 10:46 |
| S11 4 | 6 | ("4694343" "4694344" "5546466" "6218971" "6259957" "6350943").PN. | USPAT | OR | OFF | 2004/06/30 18:44 |
| S11 5 | 1 | ("5881317").PN. | USPAT; USOCR | OR | OFF | 2004/07/01 10:50 |
| S11 6 | 8 | "5881317".URPN. | USPAT | OR | OFF | 2004/07/01 10:46 |
| S11 7 | 12 | ("5042070" "5297231" "5412732" "5553220" "5630175" "5642422" "5648778" "5664095" "5699411" "5706335" "5768631" "5793961").PN. | USPAT | OR | OFF | 2004/07/01 10:47 |
| S11 8 | 3 | hampsten.in. and digital near2 interface | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/01 10:51 |
| S11 9 | 0 | "intel""." and digital near2 interface | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/01 10:51 |
| S12 0 | 103 | "intel".AS. and digital near2 interface | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/01 10:57 |
| S12 1 | 0 | "intel".AS. and codec same mixers | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/01 10:58 |
| S12 2 | 0 | "intel".AS. and codec near9 mixers | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/01 10:58 |
| S12 3 | 0 | "intel".AS. and codec and mixers | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/01 10:58 |

| S12 4 | 174 | codec same MPEG-4 | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/01 11:34 |
|----------|-----|---|---------------------------------|----|-----|------------------|
| S12 5 | 2 | codec same MPEG-4 same mix\$3 | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/01 11:35 |
| S12 6 | 32 | codec same MPEG-4 and mix\$3 | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/01 11:46 |
| S12 7 | 70 | codec same play same record | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/01 11:46 |
| S12 8 | 7 | "5589830".URPN. | USPAT | OR | OFF | 2004/07/01 11:52 |
| S12 9 | 28 | (mixer) same (stereo near2 inpu\$2) and A/D | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/06 16:38 |
| S13 0 | 5 | "5734731".URPN. | USPAT | OR | OFF | 2005/01/07 16:07 |
| S13 1 | 189 | (381/111,119).ccls. and mixer | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/06 16:55 |
| S13 2 | 53 | (381/111,119).ccls. and mixer same stereo | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/09 10:53 |
| S13 3 | 0 | mixer same (stereo near2 channel near2 pairs) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/06 17:01 |
| S13 4 | 0 | mixer and (stereo near2 channel near2 pairs) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/06 17:01 |
| S13 5 | 7 | mixer and (stereo near2 channel near2 pair) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/06 17:09 |
| S13 6 | 11 | "5774567".URPN. | USPAT | OR | OFF | 2004/07/06 17:02 |
| S13 7 | 155 | stereo near3 mixer | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/06 17:15 |
| S13 8 | 6 | ("4694343" "4694344" "5546466" "6218971" "6259957" "6350943").PN. | USPAT | OR | OFF | 2004/07/06 17:10 |
| S13 9 | 3 | ("5794201" "6016114" "6037993").PN. | USPAT | OR | OFF | 2004/07/06 17:14 |
| S14 0 | 1 | "6218971".URPN. | USPAT | OR | OFF | 2004/07/06 17:15 |

| S14 1 | 6 | ("4694343" "4694344" "5546466" "6218971" "6259957" "6350943").PN. | USPAT | OR | OFF | 2004/07/06 17:15 |
|----------|-----|---|---------------------------------|----|-----|------------------|
| S14 2 | 79 | stereo same mixer same pai\$2 | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/06 17:23 |
| S14 3 | 16 | "5569038".URPN. | USPAT | OR | OFF | 2004/07/06 17:19 |
| S14 4 | 189 | multichannel same mixer | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/06 17:24 |
| S14 5 | . 8 | multichannel same mixer same stereo | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 16:32 |
| S14 6 | 41 | multichannel same mixer and stereo | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/06 17:31 |
| S14 7 | 46 | mixer and (left near2 right near2 pairs) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/06 17:32 |
| S14 8 | 18 | "intel".AS. and codec same mix\$3 | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/04 09:24 |
| S14 9 | 5 | "intel".AS. and mix\$3 same (left near2 right) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/06 17:34 |
| S15 0 | 8 | "5881317".URPN. | USPAT | OR | OFF | 2004/07/06 17:35 |
| S15 1 | 12 | ("5042070" "5297231" "5412732" "5553220" "5630175" "5642422" "5648778" "5664095" "5699411" "5706335" "5768631" "5793961").PN. | USPAT | OR | OFF | 2004/07/06 17:36 |
| S15 2 | 5 | "5648778".URPN. | USPAT | OR | OFF | 2004/07/06 17:37 |
| S15 3 | 21 | ("4317221" "4746899" "4750111" "4800524" "4823312" "4829473" "4855743" "4903022" "4918339" "5105314" "5124579" "5140679" "5199105" "5218239" "5233309" "5280595" "5287457" "5287470" "5289584" "5299315" "5303326").PN. | USPAT | OR | OFF | 2004/07/06 17:38 |

| S15 4 | 1 | ("6218971").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2004/07/09 10:48 |
|----------|-----|---|---|----|-----|------------------|
| S15 | 3 | ("5794201" "6016114" "6037993").PN. | USPAT | OR | OFF | 2004/07/09 10:48 |
| S15 6 | 44 | (381/111,119).ccls. and mixer and (stereo near2 channe\$2) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/04 09:16 |
| S15 7 | 117 | mixer and (stereo near2 pai\$2) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/09 11:00 |
| S15 8 | 38 | mixer and (stereo near2 pairs) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/07 12:54 |
| S15 | 5 | "4468806".URPN. | USPAT | OR | OFF | 2004/07/09 11:01 |
| S16 0 | 2 | "5633938".URPN. | USPAT | OR | OFF | 2004/07/09 11:17 |
| S16 | 9 | (stereo near2 pairs) and codec | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/09 11:20 |
| S16 2 | 417 | (digital near2 interface) and (plural\$3 near2 ports) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/09 11:21 |
| S16 3 | 23 | (digital near2 interface) same (plural\$3 near2 ports) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2004/07/09 12:24 |
| S16 4 | 6 | ("5390351" "5742608" "5808487" "5949253" "6208654" "6298133").PN. | USPAT | OR | OFF | 2004/07/09 11:22 |
| S16 5 | 6 | ("5390351" "5742608" "5808487" "5949253" "6208654" "6298133").PN. | USPAT | OR | OFF | 2004/07/09 11:34 |
| S16 6 | 1 | ("5133081").PN. | USPAT; USOCR | OR | OFF | 2004/07/09 12:24 |
| S16 8 | 1 | ("6121531") PN | USPAT | OR | OFF | 2005/01/03 13:57 |
| S16 9 | 0 | chang\$3 with assignment with programs with ports | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/04 09:16 |
| S17 0 | 19. | codec same (audio adj2 accelerat\$2) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/04 09:39 |
| S17 1 | 0 | (digital adj2 interface) with (two adj2 mixers) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/04 09:36 |

| S17 2 | 0 | (digital adj2 interface) near3 (two adj2 mixers) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/04 09:36 |
|----------|-----|--|---|----|-----|------------------|
| S17 3 | 0 | (digital adj2 interface) same (two adj2 mixers) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/04 09:37 |
| S17 4 | 0 | (digital adj2 interface) same (plurality near2 stereo near2 pairs) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/04 09:38 |
| S17 5 | 1 | (digital adj2 interface) same (stereo near2 pairs) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/04 09:38 |
| S17 6 | 5 | codec same (audio adj2 programs) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/04 09:40 |
| S17 7 | Ö | codec same (stereo adj2 pairs) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/04 09:47 |
| S17 8 | 6 | codec same ("4" adj2 stereo) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/04 10:10 |
| S17 9 | 11 | codec same (four adj2 stereo) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/04 09:48 |
| S18 0 | 0 | codec same (record\$3 adj2 channel) same (watch\$3 adj2 channel) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/04 10:11 |
| S18 1 | 0 | codec same (record\$3 adj2 channel) same (view\$3 adj2 channel) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/04 10:12 |
| S18 2 | 3 | (record\$3 adj2 first adj2 channel) same (view\$3 adj2 second adj2 channel) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/04 10:17 |
| S18 3 | 15 | ("4272791").URPN. | USPAT | OR | OFF | 2005/01/04 10:13 |
| S18 4 | 0 | (record\$3 adj2 one adj2 channel) same (view\$3 adj2 another adj2 channel) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/04 10:17 |
| S18 5 | 279 | intel:AS, and codec | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/04 10:24 |
| S18 6 | 16 | intel.AS. and codec same stereo | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/01/04 10:24 |
| S18 7 | 0 | (codec) same (programma\$5 near2 change near2 assignment near2 programs near2 ports) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/05 14:17 |

| S18 8 | 0 | (programma\$5 near2 change near2 assignment near2 programs near2 ports) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/05 14:22 |
|----------|----|---|---------------------------------|----|-----|------------------|
| S18 9 | 0 | (programma\$5 near2 change near2 assignment near2 programs) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/05 14:18 |
| S19 0 | 0 | (codec) same (programma\$5 near2 change near2 assignment near2 programs) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/05 14:17 |
| S19 1 | 0 | (programma\$5 with change with assignment with programs) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/05 14:18 |
| S19 2 | 0 | (programma\$5 with chang\$3 with assignment with programs) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/30 10:15 |
| S19 3 | 2 | (output\$4 with audio with programs with different with port) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/05 14:21 |
| S19 4 | 1 | (programm\$4 with chang\$3 with data with rate with audio) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/05 14:21 |
| S19 5 | 0 | (chang\$3 with data with rate with audio with programs) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/05 14:21 |
| S19 6 | 0 | (chang\$3 near2 assignment near2 programs near2 ports) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/05 14:23 |
| S19 7 | 0 | (codec) same (output\$4 with separate with audio with program) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/05 14:23 |
| S19 8 | 50 | (output\$4 with separate with audio with program) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/05 14:34 |
| S19 9 | 7 | (switch\$3 with streams with codec) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/05 14:34 |
| S20 0 | 0_ | (switch\$3 near2 streams near2 codec) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/05 14:38 |
| S20 1 | 10 | ("5349579" "5440740" "5483530" "5497373" "5604740" "5842014" "5949762" "6104721" "6240084" "6269095").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/05 14:36 |
| S20 2 | 0 | (switch\$3 near2 streams near2 internally) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/05 14:38 |

| S20 3 | 307 | (381/119).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/07 11:38 |
|------------------|-----|---|---|----|-----|------------------|
| S20 6 | 53 | (381/111,119).ccls. and (D/A adj2 convert\$3) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 16:09 |
| S20 ₇ | 68 | (381/111,119).ccls. and (A/D adj2 convert\$3) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/07 11:48 |
| S20 8 | 0 | (output\$5 adj3 separate adj2 audio adj2 programs) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/07 12:34 |
| S20 9 | 10 | (output\$5 adj3 separate adj2 audio adj2 signals) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/07 12:41 |
| S21 0 | 9. | (separate adj2 audio adj2 programs) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/07 12:42 |
| S21 1 | 10 | mixers and (stereo near2 pairs) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/07 12:55 |
| S21 3 | 0 | codec same (two adj2 audio adj2 programs) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/07 15:03 |
| S21 4 | 5 | codec and (two adj2 audio adj2 programs) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/07 15:04 |
| S21 5 | 0 | codec adj2 receiv\$3 adj2 two adj2 audio | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/07 15:21 |
| S21 6 | 0 | (chang\$3 adj2 port adj2 assignments) same processor | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/01/07 15:21 |
| S21 7 | 6 | (chang\$3 adj2 port adj2 assignments) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/30 09:41 |
| S21 8 | 1 | ("5133081").PN. | USPAT | OR | OFF | 2005/01/07 15:53 |
| S21 9 | 1 | ("5274708").PN. | USPAT | OR | OFF | 2005/01/07 16:08 |
| S22 0 | 1 | ("6301366").PN. | USPAT | OR | OFF | 2005/01/07 16:08 |
| S22 1 | 1 | ("6556539") PN. | USPAT | OR | OFF | 2005/01/07 16:08 |
| S22 2 | 153 | (381/22).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/03/28 13:01 |

| S22 3 | 81 | (381/22,111,119).ccls. and convert\$3 same mix\$3 | USPAT; EPO; JPO | OR | OFF | 2005/03/28 12:12 |
|----------|------|---|---|----|-----|------------------|
| S22 4 | 67 | (381/22,111,119).ccls. and D/A adj2 convert\$3 | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 14:54 |
| S22 5 | 1259 | (369/1-11).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/28 15:19 |
| S22 6 | 1 | ("6121531").PN. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/28 12:45 |
| S22 7 | 1 | ("6141646").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/03/28 13:01 |
| S22 8 | 0 | ("6141646") URPN. | USPAT | OR | OFF | 2005/03/28 13:02 |
| S22 9 | 3 | ("5524051" "5592588" "5659663").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/28 15:01 |
| S23 0 | 128 | (381/81).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/28 15:01 |
| S23 | 2 | ("3398240").URPN. | USPAT | OR | OFF | 2005/03/28 15:13 |
| S23 2 | 871 | (369/1,4,5-7,11).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/28 15:20 |
| S23 3 | 59 | (369/5).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/28 15:20 |
| S23 4 | 1 | (381/22,111,119).ccls. and codec and record\$3 and (plural adj2 channels) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/28 15:37 |
| S23 5 | 23 | codec and record\$3 and (plural adj2 channels) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/28 16:23 |
| S23 6 | 1 | ("4686509").PN. | USPAT | OR | OFF | 2005/03/28 16:23 |
| S23 7 | 30 | codec same (SPDIF) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 10:30 |
| S23 8 | 13 | (SPDIF) same (television or laptop) same (satellite or cable) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 10:40 |
| S23 9 | 1 | ("5239540").PN. | USPAT | OR | OFF | 2005/03/29 10:37 |

| S24 0 | 10 | ("5550825").URPN. | USPAT | OR | OFF | 2005/03/29 10:38 |
|----------|------|--|---------------------------------|----|-----|------------------|
| S24 1 | 0 | (SPDIF) same (television) same (mixer) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 10:40 |
| S24 2 | 8 | (SPDIF) same (mixer) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 10:42 |
| S24 3 | 278 | (SPDIF) | US-PGPUB; USPAT; EPO; JPO | ÖR | OFF | 2005/03/29 10:42 |
| S24 4 | 1 | ("5133081 [°]).PN. | USPAT | OR | OFF | 2005/03/29 11:37 |
| S24 5 | 60 | ("5133081").URPN. | USPAT | OR | OFF | 2005/03/29 12:53 |
| S24 6 | 1 | ("6121531").PN. | USPAT | OR | OFF | 2005/03/29 15:42 |
| S24 7 | 1003 | codec same recording | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 12:54 |
| S24 8 | 340 | codec same recording same audio | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 14:08 |
| S24 9 | 16 | ("3668322" "4501014" "4528501" "4879751" "5063610" "5239540" "5293633" "5333202" "5579537" "5668884" "5751819" "5852800" "6148175" "6600898" "D452391" "RE30278").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/29 13:06 |
| S25 0 | 0 | codec same (programma\$3 adj3 ports) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/30 09:32 |
| S25 1 | 2 | codec same (program\$7 adj3 ports) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/30 10:04 |
| S25 2 | 1 | (digital adj2 interface) same (program\$7 adj3 ports) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 17:36 |
| S25 3 | 37 | (digital adj2 interface) same (SPI) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 17:36 |
| S25 4 | 20 | (digital adj2 interface) and (SPI) same ports | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/30 10:00 |
| S25 5 | 83 | (SPI) same program\$6 same ports | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 17:39 |

| S25 6 | 2 | (serial adj2 program\$6 adj3 interface) same ports | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 14:20 |
|----------|------|---|---------------------------------|----|-----|------------------|
| S25 7 | 56 | (digital adj2 interface) and (program\$7 adj3 ports) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 14:52 |
| S25 8 | 0 | SPDIF same (program\$7 adj3 ports) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 14:22 |
| S25 9 | 0 | SPDIF same (program\$7 same ports) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 14:22 |
| S26 0 | 121 | (interface) same (program\$7 adj3 ports) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 14:46 |
| S26 1 | 70 | (interface) with (program\$7 adj3 ports) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 17:46 |
| S26 2 | 0 | (digital adj2 interface) with (program\$7 adj3 ports) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 14:52 |
| S26 3 | 2 | (381/22,111,119).ccls. and (program\$4 adj3 ports) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 14:54 |
| S26 4 | 5 | ("5809466").URPN. | USPAT | OR | OFF | 2005/03/29 15:11 |
| S26 5 | 0 | (two adj3 digital adj3 audio adj2 programs) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 15:23 |
| S26 6 | 126 | (digital adj3 audio adj2 programs) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 15:32 |
| S26 7 | 4 | (digital adj3 audio adj2 programs) same recording same playing | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 15:33 |
| S26 8 | 9 | ("5995705").URPN. | USPAT | OR | OFF | 2005/03/29 15:36 |
| S26 9 | 3455 | (receiv\$3 with two with audio) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 15:43 |
| S27 0 | 36 | (receiv\$3 with two with audio with programs) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 15:43 |
| S27 1 | 17 | (381/111,119).ccls. and (D/A adj2 converters) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 16:09 |

| S27 2 | 7 | multichannel with audio with codec | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 17:20 |
|----------|-----|---|---------------------------------|------|-----|------------------|
| S27 3 | 1 | ("5740235").PN. | USPAT | OR | OFF | 2005/03/29 17:26 |
| S27 4 | 1 | ("5027410").PN. | USPAT | OR · | OFF | 2005/03/29 17:28 |
| S27 5 | 2 | (("6137349") or ("4536844")).PN. | USPAT | OR | OFF | 2005/03/29 17:28 |
| S27 6 | 349 | (digital adj2 interface) same (ports) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 17:36 |
| S27 7 | 194 | (digital adj2 interface) with (ports) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 17:36 |
| S27 8 | 0 | (SPI) same (program\$6 near2 ports) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 17:38 |
| S27 9 | 23 | (SPI) with program\$6 with ports | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 17:39 |
| S28 0 | 1 | ("5734334").PN. | USPAT | OR | OFF | 2005/03/29 17:46 |
| S28 1 | 5 | ("5896459").URPN. | USPAT | OR | OFF | 2005/03/29 17:51 |
| S28 2 | 28 | multichannel with encoder with decoder | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 18:01 |
| S28 3 | 312 | (381/17).CCLS. | USPAT | OR | OFF | 2005/03/29 18:02 |
| S28 4 | 7 | (digital adj2 audio) and (D/A adj2 converters) and (separate adj2 (outputs or ports)) | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/03/29 18:03 |